

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. **(Original)** A fixing system for use with a printing apparatus, comprising:
  - a fixing roller;
  - at least a first heating zone and a second heating zone defined within the fixing roller; and,
  - a controller operative to control a flow of heat exchange medium through the first heating zone and through the second heating zone.
2. **(Original)** The fixing system of claim 1,
  - comprising at least one supply tube that supplies heat exchange medium to the fixing roller;
  - the first heating zone comprising at least two first-zone return tubes;
  - the second heating zone comprising and at least two second-zone return tubes; and
  - the controller being operative to select flow through either the first-zone return tubes or the second-zone return tubes.
3. **(Original)** The fixing system of claim 1,
  - comprising at least one return tube that returns heat exchange medium from the fixing roller;
  - the first heating zone comprising at least two first-zone supply tubes;
  - the second heating zone comprising and at least two second-zone supply tubes; and

the controller being operative to select flow through either the first-zone supply tubes or the second-zone supply tubes.

4. **(Original)** The fixing system of claim 1, the controller comprising a valve.

5. **(Original)** The fixing system of claim 1, the controller comprising a pump.

6. **(Original)** The fixing system of claim 1, the controller being operative to control flow rate of the heat exchange medium proportional to a speed at which receivers are passed through the fixing system.

7. **(Original)** The fixing system of claim 1, the controller being operative to control a temperature of the heat exchange medium dependent upon a type of receiver passed through the fixing system.

8. **(Original)** The fixing system of claim 1, the controller being operative to control a temperature of the heat exchange medium dependent upon a type of marking material passed through the fixing system.

9. **(Original)** A fixing process for use with a printing apparatus, comprising:

controlling a flow of heat exchange medium through a first heating zone within a fixing roller and a second heating zone within the fixing roller; and,  
fixing marking material to a receiver with the fixing roller.

10. **(Original)** The fixing process of claim 9, comprising controlling the flow of heat exchange medium as a function of a width of the receiver.

11. **(Original)** The fixing process of claim 9, comprising controlling the flow of heat exchange medium as a function of a width of the receiver, the first heating zone and second heating zone corresponding to different width receivers.

12. **(Original)** The fixing process of claim 9, comprising controlling flow rate of the heat exchange medium proportional to a speed at which receivers are passed through the fixing system.

13. **(Original)** The fixing process of claim 9, comprising controlling a temperature of the heat exchange medium dependent upon a type of receiver passed through the fixing system.

14. **(Original)** The fixing process of claim 9, comprising controlling a temperature of the heat exchange medium dependent upon a type of marking material passed through the fixing system.

15. **(Original)** A fixing process for use with a printing apparatus, comprising:

fixing marking material to a receiver with a fixing roller;  
flowing a heat exchange medium through a first heating zone within the fixing roller, the first heating zone being biased toward the receiver.

16. **(Original)** The fixing process of claim 15, comprising:  
flowing the heat exchange medium through a second heating zone within the fixing roller, the second heating zone being biased toward the receiver.

17. **(Original)** The fixing process of claim 16, comprising controlling a flow of heat exchange medium as a function of a width of the receiver.

18. **(Original)** The fixing process of claim 16, comprising controlling a flow of heat exchange medium as a function of a width of the receiver, the first heating zone and second heating zone corresponding to different width receivers.

19. **(Original)** The fixing process of claim 15, comprising controlling a flow of the heat exchange medium proportional to a speed at which receivers are passed through the fixing system.

20. **(Original)** The fixing process of claim 15, comprising controlling a temperature of the heat exchange medium dependent upon a type of receiver passed through the fixing system.

21. **(Original)** The fixing process of claim 15, comprising controlling a temperature of the heat exchange medium dependent upon a type of marking material passed through the fixing system.

22. **(Currently Amended)** A fixing system for use with a printing apparatus, comprising:

a fixing roller operative to fix marking material to a receiver, the fixing roller having a flow of heat exchange medium; and,  
a first heating zone within the fixing roller biased toward the receiver.

23. **(Original)** The fixing system of claim 22, comprising:  
at least a second heating zone within the fixing roller biased toward the receiver.

24. **(Original)** The fixing system of claim 22, comprising:  
at least a second heating zone within the fixing roller biased toward the receiver; and  
a controller operative to control a flow of heat exchange medium through the first heating zone and through the second heating zone.

25. **(Original)** The fixing system of claim 22, comprising a controller operative to control flow rate of the heat exchange medium proportional to a speed at which receivers are passed through the fixing system.

26. **(Original)** The fixing system of claim 22, comprising a controller operative to control a temperature of the heat exchange medium dependent upon a type of receiver passed through the fixing system.

27. **(Original)** The fixing system of claim 22, the controller being operative to control a temperature of the heat exchange medium dependent upon a type of marking material passed through the fixing system.